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APPLICANTS  
 Dan Botez, et al.

FILING DATE  
 August 10, 2000

GROUP  
 2881

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
CHJ CBH	4,023,993	May 17, 1977	Scifres, et al.	438	32	—
CBH	4,796,274	January 3, 1989	Akiba, et al.	372	96	—
CBH	4,847,844	July 11, 1989	Noda, et al.	372	45	—
CBH	4,894,835	January 16, 1990	Uomi, et al.	372	45	—
CBH	4,958,357	September 18, 1990	Kinoshita	372	96	—
CBH	4,975,923	December 4, 1990	Buus, et al.	372	50	—
CBH	5,052,016	September 24, 1991	Mahbobzadeh, et al.	372	96	—
CBH	5,086,430	February 4, 1992	Kapon, et al.	372	50	—
CBH	5,170,405	December 8, 1992	Connolly, et al.	372	48	—
CBH	5,208,824	May 4, 1993	Tsang	372	96	—
CBH	5,241,556	August 31, 1993	Macomber, et al.	372	96	—
CBH	5,255,278	October 19, 1993	Yamanaka	372	45	—
CBH	5,263,041	November 16, 1993	Pankove	372	45	—
CBH	5,272,714	December 21, 1993	Chen, et al.	372	96	—
CBH	5,295,150	March 15, 1994	Vangieson, et al.	372	96	—
CBH	5,323,405	June 21, 1994	Kamiyama, et al.	372	18	—
CBH	5,329,542	July 12, 1994	Westbrook	372	96	—
CBH	5,345,466	September 6, 1994	Macomber	372	96	—
CBH	5,347,533	September 13, 1994	Higashi, et al.	372	96	—
CBH	5,452,318	September 19, 1995	Makino, et al.	372	96	—
CHJ CBH	5,536,085	July 16, 1996	Li, et al.	372	50	—

CH/CBH	5,727,013	March 10, 1998	Botez, et al.	312	96	
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)						
CH/CBH			S. F. Yu, et al., "Effect of External Reflectors on Radiation Profile of Grating Coupled Surface Emitting Lasers," IEEE Proceedings J. Optoelectronics, GB, Institution of Electrical Engineers, Stevenage, Vol. 140, No. 1, 1 February 1993, pp. 30-38.			
CBH			James Lopez, et al., "Single-mode, single-lobe operation of surface-emitting, second-order distributed feedback lasers," Applied Physics Letters, AIP, USA, Vol. 75, No. 7, 16 August 1999, pp. 885-887.			
CBH			James Lopez, et al., "Uniform near-field, symmetric-mode surface emission from complex-coupled 2 <sup>nd</sup> -order distributed-feedback lasers," Conference Proceedings, Leos '97, 10 <sup>th</sup> Annual Meeting, IEEE Lasers and Electro-Optics Society 1997 Annual Meeting, Vol. 1, pp. 9-10.			
CBH			B. Xu, et al., "Grating Coupling for Intersubband Emission," Applied Physics Letters, US, American Institute of Physics, New York, Vol. 70, No. 19, 12 May 1997, pp. 2511-2513.			
CBH			S. H. Macomber, "Nonlinear Analysis of Surface-Emitting Distributed Feedback Lasers," IEEE Journal of Quantum Electronics, Vol. 26, No. 12, December 1990, pp. 2065-2074.			
CBH			Nils W. Carlson, et al., "Mode Discrimination in Distributed Feedback Grating Surface Emitting Lasers Containing a Buried Second-Order Grating," IEEE Journal of Quantum Electronics, Vol. 27, No. 6, June 1991, pp. 1746-1752.			
CBH			Steven H. Macomber, et al., "Curved-Grating, Surface-Emitting DFB Lasers and Arrays," Proc. SPIE, Vol. 3001, No. 42, 1997, pp. 42-54.			
CBH			James Lopez, et al., "Surface-emitting, distributed-feedback diode lasers with uniform near-field intensity profile," Applied Physics Letters, Vol. 73, No. 16, 19 October 1998, pp. 2266-2268.			
CBH			H. Kogelnik, et al., "Coupled-Wave Theory of Distributed Feedback Lasers," J. Appl. Phys., Vol. 43, No. 5, May 1972, pp. 2327-2335.			
CBH			Charles H. Henry, et al., "Observation of Destructive Interference in the Radiation Loss of Second-Order Distributed Feedback Lasers," IEEE J. of Quantum Electronics, Vol. QE-21, No. 2, February 1985, pp. 151-153.			
CBH			Roel G. Baets, et al., "On the Distinctive Features of Gain Coupled DFB Lasers and DFB Lasers with Second Order Grating," IEEE J. of Quantum Electronics, Vol. 29, No. 6, June 1993, pp. 1792-1798.			
CBH			Klaus David, et al., "Basic Analysis of AR-Coated, Partly Gain-Coupled DFB Lasers: The Standing Wave Effect," IEEE J. of Quantum Electronics, Vol. QE-28, No. 2, February 1992, pp. 427-433.			
CH/CBH			Masoud Kasraian, et al., "Metal-grating-outcoupled, surface emitting distributed-feedback diode lasers," Appl. Phys. Lett., Vol. 69, No. 19, 4 November 1996, pp. 2795-2797.			
EXAMINER			DATE CONSIDERED		11/9/01 4/13/02	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant..